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10/721,154

11/24/2003

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EXAMINER

CONTEE, JOY KIMBERLY

ART UNIT

PAPER NUMBER

2617

MAIL DATE

DELIVERY MODE

05/04/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	Application No. 10/721,154	Applicant(s) HSUAN, MIN-CHIH	
	Examiner Joy K. Contee	Art Unit 2617	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 22 December 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1,6-8,10-13,18-20,22-25,30-32,36 and 41-43 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,6-8,10-13,18-20,22-25,30-32,36 and 41-43 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 12/22/06 has been entered.

### ***Response to Arguments***

2. Applicant's arguments with respect to claims 1,6-8,10-13,18-20,22-25,30-32,36,41-43 have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1,6-8,10-13,18-20,22-25,30-32,36,41-43 are rejected under 35

U.S.C. 102(e) as being anticipated by Crocker et al. (Crocker), US Pub. No.

2005/0009537.

Regarding claim 1,13,25,36, Crocker discloses a cellular phone system having a base station, the digital cellular phone comprising: a first user registering the digital cellular phone system and keeping contact with the base station, the first user belonged to a group; the first user registering an entry notice function to the digital cellular phone system; and informing the first user when a second user belonged to the group registers the digital cellular phone system and keeps contact with the base station,

, wherein when the first user is informed that the second user registers the base station, the second user is informed switching to a wireless system and is kept contact thereby(page 2 [0023-0024]),

wherein the first user has a cellular phone for registering the cellular phone system and keeping contact with the base station and the cellular phone has an identification function of the base station serving for making sure an identity when the second user registers the wireless system (page 2 [0024] and page 3 [003])

wherein inherently the identification function comprises inputting a password by the second user (i.e., reads on accessing buddy list) , wherein the identification function comprises identifying a subscriber identity module of the second use (page 3 [0030-0033]).

Regarding claim 6, Crocker discloses the digital cellular phone system of claim 1, wherein the first user is informed by a short message service (SMS) (page 3 [0030-0033]).

Regarding claim 7, Crocker discloses the digital cellular phone system of claim 1, wherein the digital cellular phone system informs the first user location information of the second user (page 3 [0030-0033]).

Regarding claim 8, Crocker discloses the digital cellular phone system of claim 7, wherein when the first user is informed the registration and location information of the second user, the second user is informed switching to a wireless system and the wireless system and the location information of the second user serve a contact between the first and the second users (page 3 [0030-0033]).

Regarding claim 10, Crocker discloses the digital cellular phone system of claim 9, wherein the cellular phone adjusts a transmission power of the wireless system by the location information of the second user (page 3 [0030-0033]).

Regarding claim 11, Crocker discloses the digital cellular phone system of claim 1, wherein the digital cellular phone system sets the group of the first user as a group of registration entry notice function when the first user registers the entry notice function.

Regarding claim 12, Crocker discloses the digital cellular phone system of claim 1, wherein the digital cellular phone system modifies a parameter of the entry notice function of the group therein when the first user registers the entry notice function (page 3 [0030-0033]).

Regarding claim 13, Crocker discloses a digital cellular phone system having a base station and a second base station near thereto, the digital cellular phone system comprising: a first user registering the digital cellular phone system and keeping contact with the base station, the first user belonged to a group; the first user registering an

entry notice function to the digital cellular phone system; and informing the first user when a second user belonged to the group registers the digital cellular phone system and keeps contact with the base station (page 3 [0030-0033]).

Regarding claim 18, Crocker discloses the digital cellular phone system of claim 13, wherein the first user is informed by a short message service (SMS) (page 3 [0030-0033]).

Regarding claim 19, Crocker discloses the digital cellular phone system of claim 13, wherein the digital cellular phone system informs the first user location information of the second user (page 3 [0030-0033]).

Regarding claim 20, Crocker discloses the digital cellular phone system of claim 19, wherein when the first user is informed the registration and location information of the second user, the second user is informed switching to a wireless system and the wireless system and the location information of the second user serve a contact between the first and the second users (page 3 [0030-0033]).

Regarding claim 22, Crocker discloses the digital cellular phone system of claim 21, wherein the cellular phone adjusts a transmission power of the wireless system by the location information of the second user (page 3 [0034]).

Regarding claim 23, Crocker discloses the digital cellular phone system of claim 13, wherein the digital cellular phone system sets the group of the first user as a group of registration entry notice function when the first user register the entry notice function (page 3 [0030-0033]).

Regarding claim 24, Crocker discloses the digital cellular phone system of claim 13, wherein the digital cellular phone system modifies a parameter of the entry notice function of the group therein when the first user registers the entry notice function (page 3 [0030-0033]).

Regarding claim 25, Crocker discloses a cellular phone adapted to register a entry notice function of a digital cellular phone system, the digital cellular phone system having a base station, the cellular phone serving for registering the digital cellular phone system and keeping contact with the base station, a first user of the cellular phone belonged to a group, the cellular phone informed when the cellular registers an entry notice function of the digital cellular phone system and a second user belonged to the group registers the digital cellular phone system and keeps contact with the base station (page 3 [0030-0033]).

Regarding claim 30, Crocker discloses the cellular phone of claim 25, wherein the cellular phone is informed by a short message service (SMS) (page 3 [0030-0033]).

Regarding claim 31, Crocker discloses the cellular phone of claim 25, wherein the digital cellular phone system informs the first user location information of the second user (page 3 [0030-0033]).

Regarding claim 32, Crocker discloses the cellular phone of claim 31, wherein when the cellular phone is informed the registration and location information of the second user, the second user is informed switching to a wireless system and the wireless system and the location information of the second user serve a contact with the another cellular phone the second user (page 3 [0030-0033]).

Regarding claim 41, Crocker discloses the cellular phone of claim 36, wherein the cellular phone is informed by a short message service (SMS). (page 3 [0030-0033]).

Regarding claim 42, Crocker discloses the cellular phone of claim 36, wherein the digital cellular phone system informs the first user location information of the second user (page 3 [0030-0033]).

Regarding claim 43, Crocker discloses the cellular phone of claim 42, wherein when the cellular phone is informed the registration and location information of the second user, the second user is informed switching to a wireless system and the wireless system and the location information of the second user serve a contact with the another cellular phone the second user (page 3 [0030-0033]).

### ***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Aravamudan et al., US 2003/0148779 discloses a system and method of expediting call establishment in mobile communications.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joy K. Contee whose telephone number is 571.272.7906. The examiner can normally be reached on Monday through Friday, 5:30 a.m. to 2:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on 571.272.7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JC

  
JOY L. CORTES  
PATENT EXAMINER